XBR-55HX929

55" Class (54.6" diag.) Sony LED HX929 Internet TV

So realistic you might forget you're just watching TV. It's the best picture we've ever created, where details like individual blades of grass come to life with laser-sharp precision and the most natural color imaginable. Stunning images are produced using our most advanced X-Reality™ PRO technology and the ultra-thin TV design is achieved by incorporating Corning® Gorilla® Glass for the seamless look of edge-to-edge glass.

Bullets

- Pro-grade detail for discerning eyes: X-Reality™ PRO
- Full-array local dimming for our best color/contrast
- Experience precise motion clarity w/ Motionflow™ XR 960
- Frameless design with Corning's Gorilla® Glass
- RS-232C and IR-in for custom control installations
- 3D in Full HD 1080p for phenomenal 3D picture quality[2]
- Movies, music & apps w/ Sony Entertainment Network[1]
- Stream HD entertainment wirelessly with built-in Wi-Fi®[1]
- PC and tablet content[3] on your TV w/ Intelligent Connect
- Make life-sized video calls with Skype®[1]
- Media Remote™ app to control your TV with a smartphone[4]
- Connect to the TV via Wi-Fi® without using a router[3]

Features

Everything looks better.

This is picture quality so lifelike it's like looking through a window. Each scene in everything you watch—HD movies, sports, even YouTube™ clips and home movies—is presented with unprecedented detail, and astonishing color as Sony's exclusive X-Reality™ PRO picture engine draws on its database of real patterns, shapes and textures to display our most lifelike picture ever.

Peak performance.

Experience Sony's best picture quality and extraordinary contrast with full-array local dimming technology. This innovative technology consists of an array of LED lights that adjust the bright and dark levels in each area of the screen for more precise control of the picture.

Tough, yet beautiful.

Only Sony has it.[7] Corning's exclusive Gorilla® Glass lets you enjoy an incredibly durable, remarkably lightweight, frameless design with a seamless, sophisticated look. Paired with the OptiContrast™ panel, Gorilla Glass helps boost contrast and brightness while minimizing unwanted light reflections.

Go way beyond cable.

Welcome to the endless entertainment of the Sony Entertainment Network, where thousands of movies, TV shows, online videos, games and music are always at your fingertips. By connecting to the Internet you can access Full HD 1080p entertainment, 3D content[2] and made-for-TV apps like Netflix®, Pandora®, YouTube™, Facebook® and more.[1]

Our clearest picture ever.

When you watch a kickoff at the stadium, the ball doesn't blur from left to right. Recreating natural motion with reduced judder and less blur, Motionflow™ XR 960 technology helps you see each end-over-end rotation by taking motion clarity beyond refresh rates, which are only measured in Hz, to quadruple the motion effect so you see everything as if you were there.

In-your-face action.

Brace yourself for pure 3D excitement that feels like you're standing on the 50-yard line. Through advanced Active 3D technology, immerse yourself in Full HD 1080p clarity and phenomenal 3D picture quality. Just slide on the comfortable 3D active glasses and enter a whole new dimension.[2]

Natural 3D effects.

Feel like you're standing alongside your favorite actor as the environment envelops you with lush 3D detail.[2] Ultra-realistic effects are achieved by X-Reality™ PRO 3D Super Resolution, optimizing each area of the 3D scene by drawing on its database of patterns, shapes and textures.

Goodbye wires, hello built-in Wi-Fi®.

Maximize your entertainment while reducing cable clutter. Wirelessly stream beautiful, HD entertainment straight from the internet or your home network using built-in Wi-Fi® connectivity.[1]

Life-sized video calls.

It's like they're in the room with you. Skype® video calls bring your family and friends closer than ever as they appear as large as life on your big screen—for free.[1] Just connect the easy-to-use Skype camera (sold separately) for a face-to-face look at the caller on the beauty of your Sony HDTV.

All devices, together as one.

Don't all of your personal photos and videos deserve the big screen? Experience your content on a grand scale simply by connecting your compatible smartphone, computer or Sony Tablet™ S via your existing Wi-Fi® network. Then you can easily "throw" your videos, photos and music files to your HDTV.[3]

Control your TV with your phone.

Now there's one less remote control on the coffee table. Just download the free Media Remote™ app and turn your iPhone®, Android™ phone or Sony Tablet™ S into a versatile remote control with a full QWERTY keyboard4. It makes changing channels and typing searches ultra fast and convenient.

Custom control installations.

RS-232C and IR-in for custom control installations.

It powers off when you're gone.

We all forget to turn the TV off sometimes. That's why a built-in sensor is used to power down the TV when it detects no one is watching. Better yet, it warns children when they're sitting too close to the screen. Face Detection technology is also used to automatically adjust volume based on where people are sitting.

Wi-Fi® without a router.

Sometimes your friends want to share their personal photos and videos on your beautiful HDTV. With Sony's Wi-Fi Direct Mode, your friends can throw personal content to your TV without connecting to your home network. Wi-Fi Direct completely bypasses the Wi-Fi access point/ router, so it's easy to set up.[3]

A sense for songs.

What's that song in the TV show, movie or commercial you're watching? Press 'TrackID' on your remote and get the song name and artist instantly.[5] You can also start TrackID® by shaking a smartphone that's running the Media Remote™ app.[4] Very convenient.

Save power, save money.

Enjoy lower energy bills with reduced power consumption of up to 30% while maintaining beautiful image quality with Eco Drive technology. It automatically reduces power consumption while boosting color and detail on the screen and conserving energy used by the backlight.[6]

Handheld gaming goes big.

Play your PlayStation® Vita system or other handheld gaming consoles (with SD output) on your HDTV with no irritating black borders surrounding the picture. Just select Game Mode for an ideal fit to your TV screen according to the input. Better yet, Super Resolution Processing delivers a clear, crisp view in HD size.

Onboard manual.

You will never lose your TV manual again. The iManual is available through the menu system on the TV – always there if you need it.

Find it fast.

Searching for shows and music on your TV is so simple. Just press 'GUIDE' on your remote and see what's on and what's coming up with a handy image to go with it. You also get an episode synopsis, cast and crew details and suggestions to related shows, on-demand movies and Blu-ray Disc™ titles.[7]

Finding music is also a cinch. Music Search with the TrackID® button cleverly recognizes the melody of the music playing on your TV. Want to go further? Search to find more songs by the same artist and other related web content. Share your discovery with the world via Twitter™.[7]

Specifications

3D Features	
2D to 3D Conversion	Yes
3D	Yes
3D Sync Transmitter Integrated	Yes
Audio	
Audio Power Output	10W + 10W + 10W
Speaker Configuration	2.1
Speaker Position	Rear Facing
Audio Features	
5.1 Channel Audio Out	Yes
5.1ch Through Out (Handycam)	Yes
Alternate Audio (Digital)	Yes
Audio Out	Fixed/Variable
Auto Mute (on no signal)	Yes
Auto SAP	Yes
Clear Phase Speaker	Yes
Dolby®	Dolby Digital, Dolby Digital Plus, Dolby Pulse
Headphone/ Speaker Link	Yes
Invisible Speaker	Yes
S-Master	Yes
Sony Original Surround	S-Force Front Surround 3D
Sound Booster	Yes
Sound Enhancer	Yes
Sound Mode	Dynamic, Standard, Clear Voice, Custom
Stereo System	MTS

Surround Effect	Cinema, Sports, Music, Game
Broadcast Features	
TV Guide On-Screen	Yes
Convenience Features	
Auto Shut-off	Yes
BRAVIA® Sync™	Yes
Channel Block (with password)	Analog & Digital
Channel Jump	Yes
Channel Surf	Yes
Control for HDMI™ (HDMI™ CEC)	Yes
Distance Alert	Yes
Edit Channel Labels	Yes
Info Banner	Yes
Input Skip	Automatic
Label Inputs	Yes
Multiple Language Display	English, French, Spanish
On/Off Timer	Yes
On-Screen Clock	Yes
On-Screen Display for External Input	Yes
On-Screen Operating Instructions	Yes
Panorama	Yes
PAP (Fixed or Variable)	PAP(Variable)
Parental Control	Yes
Picture Adjustments Lock	Yes
Picture Frame Mode	Yes
PIP (Picture in Picture)	Yes

Position Control	Yes
Quick Start & Viewing	Yes
Scene Select	Photo, Music, Cinema, Game, Graphics, Sports, Animation
Show/Hide Channels	Yes
Skin Naturalizer	Yes
Sleep Timer	Yes
Twin Picture	PAP (Variable)
USB Play	Yes
White Balance	Yes
Customizing Capability	
Control via IR In	Yes
RS-232C Control	Yes
Design Features	
6 degree Upward Style	Yes
Illuminated Sony Logo	Yes
Monolithic Design	Yes
Stand Swivel	Yes
Stand Swivel Range	Left 20°/Right 20°
Stand Tilt	Yes
Stand Tilt Range	0°- 6° Flexible
Display Features	
Backlight Type	Intelligent Peak LED
Display Device	LCD
OptiContrast Panel	Yes
Display	
Aspect Ratio	16:9
Display Resolution	Full HD 1080p
Dynamic Contrast Ratio	Infinite[6]

Panel Frequency	240Hz
Screen Size (measured diagonally)	55" (54.6")
Viewing Angle (Right/Left)	178 (89/89)
Viewing Angle (Up/Down)	178 (89/89)

Energy Saving & Efficiency

Backlight Off Mode	Yes
Dynamic Backlight Control	Yes
Energy Saving Switch	Yes
Energy Star® compliant	Yes (Exceeds v5.0)
Power Consumption (On Mode) for Energy Star	107W
Power Consumption (Standby Mode) for Energy Star	0.30W

General Features

Audio Return Channel	Yes
Closed Captions (CC)	Analog, Digital
Finish (Surface Color)	Black
HDMI™ InstaPort	Yes
New GUI	Yes
Start Up Sony Logo Display	Yes

Inputs and Outputs

AC Power Input	1 (Rear)
Analog Audio Input(s) (Total)	2 (Adaptor/Bottom)
Audio Out	1(Side) Hybrid w/HP
Component Video (Y/Pb/Pr) Input(s)	1 (Adaptor/Bottom/Hybrid)
Composite Video Input(s)	2 (Adaptor/Bottom/1 Hybrid)
Digital Audio Output(s)	1 (Side)
Ethernet Connection(s)	1 (Bottom)
HDMI™ Connection(s) (Total)	4 (2 Side/2 Bottom)
HDMI™ PC Input	Yes
Headphone Output(s)	1(Side) Hybrid w/Audio out
IR Input(s)	1 (Rear)

PC In (D-Sub) + Audio In (Stereo Mini)	D-Sub 1(Side), Mini 1(Rear)
RF Connection Input(s)	1 (Bottom)
RS-232C Input(s)	1 (Bottom)
USB 2.0	2 (Side)

Network Features

BRAVIA® Internet Video	Yes
BRAVIA® Internet Widgets	Yes
DLNA	Yes
DLNA Content	Yes
Internet_Browser	Yes
Media Remote	Yes (Firmware Update Required)
Photo MAP	Yes
Skype™	Yes
TrackID	Yes
Video Search	Yes
What's New	Yes (Firmware Update Required)
Wi-Fi Certified	Yes
Wi-Fi Direct	Yes (Firmware Update Required)
Wireless LAN	Integrated

Power

Power Consumption (in Download Acquisition Mode)	0.02kWh / Day
Power Consumption (in Operation) max.	179W
Power Consumption (in Standby)	120V : 0.30W
Power Requirements (frequency)	60Hz
Power Requirements (voltage)	AC 120V

Recycled & Recyclable Materials

Packaging Materials	Recycled Carton (more than 40%)

Regulation and Standards Compliance

VESA® Hole Pitch	300 x 300 mm
VESA® Hole Spacing Compatible	Yes

Sensing Features

Ambient Sensor	Yes
Intelligent Presence Sensor	Yes
Presence Sensor with Face Detection	Yes

Service and Warranty Information

Limited Warranty Term	18 Months Parts / 18 Months Labor

TV System

Channel Coverage	VHF: 2-13, UHF: 14-69, CATV: 1-135
Color System	NTSC
Number of Tuners (Analog)	1(Hybrid)
Number of Tuners (Digital)	1(Hybrid)
Tuner (Cable)	Clear QAM
Tuner (Terrestrial)	ATSC
TV System (Analog)	M
TV System (Digital)	ATSC

Video

Video Signal	1080/24p (HDMI™ only), 1080/60i, 1080/60p (HDMI™ / Component), 720/60p, 480/60i, 480/60p

Video Features

24p True Cinema™ Technology	Yes
3D Comb Filter	Yes
4:3 Default	Yes
Advanced Contrast Enhancer (ACE)	Yes
Auto Wide	Yes
Blinking Type	Line Blinking
CineMotion® Reverse 3:2 Pulldown Technology	Yes
Deep Color	Yes
Intelligent MPEG Noise Reduction	Yes
Live Color™ Technology	Yes
Motionflow™ Technology	XR 960
PhotoTV HD	Yes
Picture Mode	Vivid, Standard, Photo-Vivid, Photo-Standard, Photo-Original, Photo-Custom, Cinema, Game-Standard, Game-Original, Graphics, Sports, Animation
Video Processing	X-Reality™ PRO Engine
Wide Mode	Full, Normal, Wide Zoom, Zoom, Caption, Normal/ Full1/Full2 for PC

1. Broadband speed of at least 2.5 Mbps recommended (10 Mbps for HD). Content subject to change and may require fees. Wireless connectivity requires 802.11 home network (802.11n recommended). Skype requires CMU-BR100 camera sold sep. Subject to Skype's terms and conditions.

2.Requires 3D content, 3D player, HDMI® cable (at least 10.2 Gbps) and 3D active glasses sold separately.

3. Streaming content, copy-protected content and certain formats are not supported.

4. Requires devices connected to the same wireless home network.

5. Requires active internet connection.

6. Compared to normal viewing. Based on 40-inch LED TV with Picture Setting 'Vivid.'

7. As of January 1, 2012

/Updated: June 8, 2012